

## 川黔湘杜鹃花属的新分类群

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### NEW TAXA OF THE GENUS *RHODODENDRON* FROM SICHUAN, GUIZHOU AND HUNAN PROVINCES

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**Abstract** Three new species and one new subspecies of the genus *Rhododendron* are described from Sichuan, Guizhou and Hunan Provinces, China. They are *R. oblancifolium* Fang f., *R. ebianense* Fang f., *R. guizhouense* Fang f., *R. ririei* ssp. *leiboense* Fang f.

**Key words** *Rhododendron*; New taxa; China

**关键词** 杜鹃花属; 新分类群; 中国

#### 1. 倒矛杜鹃 新种 图 1

***Rhododendron oblancifolium*** Fang f. sp. nov.

*R. longipes* auct. non Rehd. et Wils.; Chamberlain in Notes Bot. Gard. Edinb. 39 (2); 319, 1982, pro parte.

Species *R. longipiti* Rehd. et Wils. affinis, sed in foliis angustioribus subtus indumento flavido obtectis, pedicellis brevioribus c. 1.2—1.5 cm longis, fructibus minoribus 8—11 mm longis et 4 mm in diam. differens.

Frutex 2.5—5 m altus, ramuli gracili, cinerei, glabri. Folia coriacea, oblanceolata, 6—10 cm longa et 1.5—2 (—2.3) cm lata, apice subacuta vel breviter acuminata, cuspidata, basi cuneata, supra viridia, glabra, subtus indumento dense flavido obtecta; costa supra impressa, subtus distincte elevata, nervis lateralibus utrinque occultis; petioli 1—1.4 cm longi, glabri. Flores 3—5, racemoso-umbellati; rachis 2—4 mm longa; pedicelli 1.2—1.5 cm longi glabrescentes; calyx parvus, 5-lobatus; corolla alba vel rosea, campanulata, 3.5 cm longa et 3—4 cm diam., 5-lobata, lobis subrotundata, 1.5 cm

longis et latis, intus maculatis; stamina 7—10, filamentis inaequilongis, 1.5—3 cm longis, basi dilatalis, glabrescentibus; ovarium ovoideum, 4 mm longum,



图 1 倒矛杜鹃 1. 花枝; 2. 雌蕊; 3. 雄蕊。(冯先洁绘)

Fig. 1 *Rhododendron oblanifolium* 1. flowering branch; 2. pistil; 3. stamen.

glandulosum; stylus 3 cm longus, glaber, stigmatum truncato. Capsula parva, oblongo-cylindrica, 8 — 11 mm longa et 4 mm diam., 6 — 7-valvata, rufo-tomentosa.

**Guizhou** (贵州); **Yinjiang** (印江), **Fanjingshan** (梵净山), alt. 500 m. **Y. Tsiang** (蒋英) 7459, 7819; loco dicto, alt. 940 — 1300 m. **C. P. Tsien** (简焯坡) 31450, 31454, 401628; loco dicto, **Guizhou Exped.** 867; **Lei Shan** (雷山) **C. P. Tsien** 50968; **Jiangkou** (江口), alt. 500 m. 1964.04.14., **Z. S. Chang** (张志松) 400235 (Typus, PE).

本种与长柄杜鹃 *R. longipes* Rehd. et Wils. 相近, 但叶片狭窄, 下面被淡黄色毛被, 花梗较短, 长约 1.2 — 1.5 cm, 蒴果小, 长仅 8 — 11 mm, 直径 4 mm, 而不同。

## 2. 峨边杜鹃 新种 图 2

**Rhododendron ebianense** Fang f. sp. nov.

Species proxima *R. adenopodo* Franch. a quo calycibus, majoribus, sepalis rotundis 3 — 4 mm diam., stylis 4 cm longis inferne glandulis longe-stipitatis et setis tectis praeditis, petiolis glabris, differens.

Frutex vel arbuscula, 0.5 — 3 m altus. Ramuli crassi, 5 mm diam., juventute ubique pubescentes, hornotini glandulis nigris, annotini brunneoli, glabri. Folia saepius ad apices ramulorum congesta, coriacea, elliptico-lanceolata vel obovato-lanceolata, 8 — 12 cm longa, 2 — 3 cm lata, apice acuminata vel caudata, basi cuneata, supra atro-viridia, glabra, subtus indumento cinereo (primo albido); costa supra impressa, subtus elevata, glabra, nervis lateralibus utrinque obsolete; petioli crassi 1 — 1.3 cm longi, supra leviter canaliculati subtus subrotundati, glabri. Flores 9, racemoso-umbellati; rachis 2 cm longa, pubescens, glanduloso-pilosa; pedicelli crassi 2 — 3.5 cm longi setis flavidis et glandulis stipitatis obsiti; calyx membranaceus flavovirens vel leviter roseus, lobis 5, rotundis 3 — 4 mm diam., marginibus integris, intus glabris, extus hirsutis et glandulosis; corolla infundibuliforma c. 3.3 — 4.5 cm longa et 3 — 4 cm diam., rosea vel subrosea, tubo maculato, flavo-rubro, lobis 5, subrotundatis, emarginatis; stamina 10, inaequalia, 2.5 — 4 cm longa, basin complanatis, floccosis et tomentosis, antheris purpureis, oblongo-ovoideis; ovarium ovoideum, 5 mm longum, glandulis longe-stipitatis et setis obtectis; stylus 4 cm longus, basin glandulis longe-stipitatis et setis tectis, in parte superiore glaber, stigmatum capitato. Capsula ignota.

**Sichuan** (四川); **Ebian** (峨边), alt. 1600 m 1983. 04.05., **Sichuan Univ. Exped.** **M. Y. Fang** et **Q. S. Zhao** (方明渊, 赵清盛) 116178 (Typus SZ).

本种与弯尖杜鹃 *R. adenopodum* Franch. 十分近似, 但萼片较大, 圆形, 长 3 — 4 mm, 花柱长, 下部有长柄腺体及硬毛; 叶柄无毛等特征不同。



图 2 岷边杜鹃 1. 花枝; 2. 雄蕊; 3. 雌蕊。 (冯先洁绘)

Fig. 2 *Rhododendron ebianense* 1. flowering branch; 2. stamens; 3. pistil.

## 3. 贵州杜鹃 新种 图 3

**Rhododendron guizhouense** Fang f. sp. nov.

Species *R. annae* Franch. affinis, a quo sed in foliis coriaceis, elliptico-lanceolatis ad ovato-lanceolatis 5—10 cm longis, 1.5—3.6 cm latis, ovariis dense setoso-glandulis, stylis glabris, differens.



图 3 贵州杜鹃 1. 花枝; 2. 花冠; 3, 4. 雌蕊; 5. 雄蕊。 (欧兵绘)

Fig. 3 *Rhododendron guizhouense* 1. flowering branch; 2. corolla; 3, 4. pistil; 5. stamens.

Frutex vel arbuscula 4—7 m alta. Ramuli graciles 2.5 mm diam., hornotini juvenales viriduli glabri, annotini veteres cineracei scariosi. Folia 6—9, saepe ad apices ramulorum congesta, lamina subcoriacea elliptico-lanceolata, vel ovato-lanceolata, 5—10 cm longa, 1.5—3.6 cm lata, apice acuminata leviter recurva, base late cuneata vel rotundata, margine leviter revoluta, supra viridia, subtus viridula glabra; costa media supra leviter impressa subtus elevata, nervis lateralibus 10—12 utrinque obsoletis; petioli 1—1.5 cm longi, supra leviter canaliculati glabri. Flores 4—6, racemoso-umbellati, rachidibus 5 mm longis glabrescentibus; pedicelli graciles 1—2 cm longi, sparse stipitato-glandulosi; calyx parvus 5-lobatus, lobis 1 mm longis, glabris; corolla late-campanulata vel cupulata 2.5—3 cm longa et 3—4 cm diam., basi lata, alba, intus cerasino-maculata, 5-lobata, lobis subrotundatis 1.5 cm longis et 1.7—2 cm latis, emarginatis; stamina 10, inaequalia 1—2 cm longa, basin versus tomentosis; ovarium conoideum 3—4 mm longum dense setoso-glandulosum; stylus 2.5 cm longus glaber, stigmatibus capitatis. Capsula ignota.

**Guizhou** (贵州); Jiangkou (江口); Fanjin Shan (梵净山); alt. 1780 m Z. S. Chang (张志松) 402093; loco dicto, alt. 2000 m Z. S. Chang (张志松) 400592; loco dicto, alt. 2400 m Z. S. Chang (张志松) 400680; Yinjing (印江) alt. 1920 m 1964.04.29., Z. S. Chang (张志松) 401650 (Typus, PE).

**Hunan** (湖南); Chengpu (城步), Ching Tzu Shan (靖竹山), alt. 2000 m, S. S. Sin (辛树帜) 612.

新种与桃叶杜鹃 *R. annae* Franch. 相近, 但叶片薄革质, 卵状披针形至椭圆披针形, 长 5—10 cm, 宽 1.5—3.6 cm, 子房密被腺状刚毛, 柱头无毛等不同。

#### 4. 雷波杜鹃 新亚种

**Rhododendron ririei** Hemsl. et Wils. subsp. **leiboense** Fang f. ssp. nov.

A subsp. *ririei* recedit foliis gracilioribus et angustiore, oblanceolatis vel lanceolato-ellipticis, basi cuneatis, subtus leviter argyro-indumentis, pedicellis gracilibus, corollis basim versus angustioribus.

**Sichuan** (四川): Leibo (雷波), Guduigongshe (谷堆公社), alt. 2200 m. 1983. 04.10—15. Sichuan Univ. Exped. M. Y. Fang et Q. S. Zhao (方明渊, 赵清盛) 118302 A, 118308 (Typus SZ); loco dicto, (Q. S. Zhao et M. Y. He (赵清盛, 何明友) 122771.

本亚种与大钟杜鹃 (原亚种) subsp. *ririei* 的区别在于叶较薄而狭窄, 倒披针形或椭圆披针形, 基部楔形, 背面具有更薄的银白色毛被, 花梗细瘦, 花冠基部狭窄。

在雷波地区, 银叶杜鹃亚组 Subsect. *Argyrophylla* 有强烈的分化, 本亚种雄蕊花丝无毛, 子房有厚的银白色毛被等, 仍保留着大钟杜鹃 *R. ririei* 的特性, 但是叶片狭窄, 花冠基部狭窄, 已渐接近于银叶杜鹃 *R. argyrophyllum* 的特点, 可以看出, 此两种在演化过程中可能在本区域内开始分化而逐渐演变形成, 本亚种的系统位置在此两种之间。